# RIC 2004 Fire Protection, Session T14

#### **RES INTERACTIONS**

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#### INTERACTIONS CRITICAL TO PRODUCTS

- Internal interactions
  - Clarify need and use of product
- External interactions
  - Broaden knowledge
  - Challenge our perspective



## INTERNAL INTERACTIONS

- Informal discussion lays groundwork
  - Periodic meetings
- Formal identification of need resolves issues
  - User Need
  - Fire Risk Research Plan
- Communication as project evolves
  - Regional counterpart phone call (as needed)



## DOMESTIC COLLABORATIONS

- EPRI
  - State-of-art fire risk analysis methods, tools, and data
    - Deliberation between EPRI and RES
    - Feedback from licensees, NRR
  - Fire model verification and validation
- National Institute of Standards Technology
  - Fire testing
  - Researcher assignment
- ANS Fire Risk Standard



# INTERNATIONAL COLLABORATIONS

- International fire model benchmarking
- Institut de Radioprotection et de Surete Nucleaire (IRSN) collaboration
  - Multi-compartment fire testing
  - Data sharing
- Circuit analysis Cooperative PRA Group (COOPRA)
- Fire events database Organisation for Economic Co-operation and Development (OECD)



#### **COMMUNICATION OF PRODUCTS**

- Conferences
  - NEI Fire Protection Information Forum
  - Probabilistic Safety Assessment and Management (PSAM)
- Workshops and training
  - Circuit analysis
  - Fire modeling (EPRI/NRC)
  - FRA methods planned (EPRI/NRC)

